WATERSHED/SUBSHED:						DATE:/ / ASSESSED BY:					
SURVEY REAC	сн ID:		Mı	LITARY TIME:	:	<b>Р</b> ното <b>ID</b> : ( <i>Pic</i>	#)				
SITE ID (Condit	tion-#): <b>O</b>	T	La	Т	Lon	ONG GPS:					
BANK:  LT RT  FLOW:  None Moderate  Substantial Other:	Head Trickle	TYPE:  Closed pipe  Open channel		MATERIAL:  Concrete  PVC/Plastic  Other:		☐ Circular ☐ ☐ Elliptical ☐ ☐ Other:	Triple De Wi	DIMENSI Diameter:  pth: dth (Top):_ (Bottom):	(in)	Fully	
CONDITION:  None Chip/Crackee Peeling Paint Corrosion Other:		ODOR:  Gas Sewage Rancid/S Sulfide Other:		DEPOSITS/STAINS None Oily Flow Line Paint Other:	S:	VEGGIE DENSIT		PIPE BEN  Brown Other:  POOL QU Good [	THIC GE Ora	ROWTH: None nge Green  No pool Colors Oils Floatables	
FOR	Color			Brown G	,			Orange $\square$	Red 🗌	Other:	
FLOWING ONLY	TURBID FLOATA		None None	Slight Clouding Sewage (toilet			oaque roleum (o	oil sheen)		Other:	
OTHER CONCERNS:    Excess Trash (paper/plastic bags)   Dumping (bulk)   Excessive Sedimentation   Other:											
no  If yes for daylig	ghting:			Discharge inve	rofit	Other:					
If yes for storm Is stormwater cu ☐ Yes ☐ No	irrently co				Use des available	cription:				-	
OUTFALL SEVERITY: (circle #)	stro com stre	ng smell. The am	ount of pears		discharç discharç	scharge; flow mostly cl ge has a color and/or od ge is very small compare any impact appears to	lor, the amo	ount of ream's base	discharge	es not have dry weather ; staining; or appearance g any erosion problems.	
			5		4	3			2	1	
SKETCH/NOTE	ES:										
							R	EPORTED TO	O AUTHOF	RITIES: YES NO	





WATERSHI	ED/SUBSH	ED:				D.	ATE:/	_/	ASSES	SED BY:	
SURVEY R	EACH:			MILITARY	Гіме::	Pi	н <b>ото ID</b> (Ріс#)	):			
SITE ID: (C	Condition-#)	)	START LAT							GPS:	
ER	_		END LAT		Long						
	=										
PROCESS:		Curren	tly unknown				RT Both (lo				0.1
Downcu	•		Bed scour			a ∐ S	Straight section	Steep	slope/vall	ey wall $\square$	Other:
Widenin	_		Bank failure	DIMENSIONS		0	1/ P.T.	0	D 44	: 14	0
Headcut	-	_	Bank scour				and/or RT			m width	
Aggradii	-	_	Slope failure				and/or RT			vidth	
Sed. dep	I.		Channelized				and/or RT			ed Width _	π
LAND OWN	NERSHIP:	☐ Pı	rivate 🗌 Public	c 🗌 Unknown	LAND COVE	lr:	Forest Fi	eld/Ag	☐ Devel	oped:	
POTENTIAL No	L RESTOI	RATIC	ON CANDIDATE	E: Grade		□В	ank stabilization				
THREAT T	o Prope	RTY/l	NFRASTRUCTI	URE: No	Yes (Desc	ribe):					
EXISTING 1	Riparian	N WIE	отн:	□<25 ft	☐ 25 - 50 ft	□ 5	0-75ft	100ft	□ >100f	ft	
EROSION		Active o	downcutting; tall ban						_		
SEVERITY(		of the s	tream eroding at a fa	ast rate; erosion	Pat downcutting e widening, banks a					le; isolated are	
· ·			uting significant amo obvious threat to pr		moderate rate; no infrastructure	threat to	property or				oe outfall, local or adjacent use.
Channelized=	1	infrastru	ucture.			3		2		1	
ACCESS:			ccess: Open area i	n public	Fair access: Fore			Difficult a			d, steep slope or
ACCESS.			hip, sufficient room t ls, easy stream char		adjacent to stream	n. Access	s requires tree			to access streatlble and/or location	
		heavy e	equipment using exis		removal or impact Stockpile areas sn		scaped areas. istant from stream.	distance f	rom stream	section. Spec	
		trails.	5		<u>1</u> 4	3		equipmer	t required.	1	
Notes/Cr	OSS SECT	TION S	<b>SKETCH:</b>								
								D	nn e	r	<b>□</b> 1/25 □ 27
								KEPORT	ED TO AUT	THORITIES [	YES NO
	Data v	alida	ted	by	Data verific		by				
	Data e			oy	Data QC	.u	by by				
	0			1	- "" ~ ~		_~ J				

## IB

### Impacted Buffer

SURVEY REACH:         MILITARY TIME:: PHOTO ID: (Pic #)           START   LAT LONG LONG
IB END LAT LONG  IMPACTED BANK: REASON INADEQUATE: Lack of vegetation Too narrow Widespread invasive plants LAND USE: Private Institutional Golf Course Park Other Public  (Facing downstream) LT Bank Grand Gran
IMPACTED BANK:         REASON INADEQUATE:         Lack of vegetation         Too narrow         Widespread invasive plants           LT □ RT □ Both         Recently planted         Other:           LAND USE:         Private         Institutional         Golf Course         Park         Other Public           (Facing downstream) LT Bank         □         □         □         □         □         □           RT Bank         □         □         □         □         □         □         □           DOMINANT         Paved         Bare ground         Turf/lawn         Tall grass         Shrub/scrub         Trees         Other
IMPACTED BANK:         REASON INADEQUATE:         Lack of vegetation         Too narrow         Widespread invasive plants           LT □ RT □ Both         Recently planted         Other:           LAND USE:         Private         Institutional         Golf Course         Park         Other Public           (Facing downstream) LT Bank         □         □         □         □         □         □           RT Bank         □         □         □         □         □         □         □           DOMINANT         Paved         Bare ground         Turf/lawn         Tall grass         Shrub/scrub         Trees         Other
LAND USE:         Private         Institutional         Golf Course         Park         Other Public           (Facing downstream) LT Bank         □
(Facing downstream) LT Bank
RT Bank
DOMINANT         Paved         Bare ground         Turf/lawn         Tall grass         Shrub/scrub         Trees         Other
LLANDAAYEK. LIDAUK II - II - II - II - II - II
RT Bank
INVASIVE PLANTS: None Rare Partial coverage Extensive coverage unknown
STREAM SHADE PROVIDED? None Partial Full WETLANDS PRESENT? No Yes Unknown
POTENTIAL RESTORATION CANDIDATE  ☐ Active reforestation  ☐ Greenway design  ☐ Natural regeneration  ☐ Invasives removal
no Greenway design Natural regeneration Invasives removal
Brown in the Anni
RESTORABLE AREA  LT BANK RT Length (ft): Missing the content of the content
Width (ft): 5 4 3 2 1
POTENTIAL CONFLICTS WITH REFORESTATION ☐ Widespread invasive plants ☐ Potential contamination ☐ Lack of sun ☐ Poor/unsafe access to site ☐ Existing impervious cover ☐ Severe animal impacts (deer, beaver) ☐ Other:
NOTES:

Data verified\_

Data QC\_

by\_

\_by\_

Data validated\_

Data entered

\_by\_

by\_

#### Stream Crossing



WATERSH	HED/SUBSHED:	ı			DAT	ГЕ:	<u>/</u>	ASSESS	SED BY:
SURVEY B	REACH ID:	N	MILITARY TIM	Œ <b>:</b> :	PHO	OTO ID	: (Pic #)		
SITE ID: (	Condition-#) SC	LAT _		LONG					GPS
TVPF• 🗆	Road Crossing Railroad	Crossing	☐ Manmade I	Dam 🔲 Beav	er Da	m 🗆	Geological Forn	nation $\square$ (	Other:
FOR ROAL RAILROAL	SHAPE: # B  Arch Bottomless Box Elliptical Circular  AILROAD Other:   # B		# BARRELS:  Single Double	gle		ALIGNMENT:  ☐ Flow-aligned ☐ Not flow-aligned ☐ Do not know		DIMENSIO Barrel diam	NS: (if variable, sketch) neter:(ft) neight:(ft)
CROSSINGS ONLY  Condition: (Evidence of)  Cracking/chipping/corrosion  Sediment deposition  Other (describe):		orrosion	☐ Downstream scour hole ☐ Failing embankment			☐ Fla	ERT SLOPE: t ght $(2^{\circ} - 5^{\circ})$ vious $(>5^{\circ})$		gth:(ft)  Vidth:(ft)  levation:(ft)
POTENTIA no	AL RESTORATION CANDII	DATE [	Fish barrier re Local stream r			epair/rep	olacement 🔲 U	Jpstream stor	rage retrofit
IS SC ACT	TING AS GRADE CONTROI	<u> </u>	] No ☐ Ye	es Unk	nown	1			
	EXTENT OF PHYSICA	AL BLOCI					CKAGE SEVER	RITY: (circle	#)
If yes for fish barrie	☐ Temporary ☐	Partial Unknown Vater Drop Vater Dept	o:(in)	A structure such road culvert on a greater stream bl upstream movem anadromous fish; passage device p	3rd ord locking nent of ; no fish present	der or the h	A total fish blocka tributary that woul significant reach of or partial blockage interfere with the anadromous fish.	d isolate a bound isolate a bo	A temporary barrier such as a peaver dam or a blockage at the very head of a stream with very little viable fish habitat above it; natural barriers such as waterfalls.
NOTES/SK				5		4	3	2	! 1
							Repor	TED TO AUTH	IORITIES YES NO
	Data validated Data entered	by _by	Data Data	verified QC	_by_	by_			



### **Channel Modification**

WATERSHED/S	SUBSHED:			DATE:/_	/	ASSESSED BY:			
SURVEY REAC	т ID:		MILITARY TIME::_	Рното II	<b>):</b> (Pic #)	/#			
SITE ID: (Cond	lition-#)	START LAT	Long_			GPS:			
CM		END LAT	Long						
TYPE: Cha	nnelization	☐ Bank armoring	concrete channel Fl	oodplain encroach	ment  Other:				
MATERIAL:		Does channel hav	re perennial flow?	☐ Yes ☐ No	DIMENSIONS:	(0)			
Concrete	_	Is there evidence	of sediment deposition?	☐ Yes ☐ No	Height Bottom Width	(ft)(ft)			
☐ Rip Rap ☐ Metal	Earthen	Is vegetation grov	wing in channel?	☐ Yes ☐ No	Top Width:	(ft)			
Other: Is channel connected			cted to floodplain?	☐ Yes ☐ No	Length:	(ft)			
					I				
BASE FLOW C Depth of flow		(in)		ADJACENT STREAM CORRIDOR					
-				Available width	n LT	(ft) RT(ft)			
		l? ☐ Yes ☐ No		Utilities Presen	t?	Fill in floodplain?			
% of channel b	oottom	%		☐ Yes ☐ No		□Yes □ No			
POTENTIAL R	ESTORATIO	ON CANDIDATE [	☐ Structural repair ☐ Bas	e flow channel cre	ation 🔲 Natural o	channel design			
no			☐ De-channelization ☐ Fisi	n barrier removal	☐ Bioengir	neering			
CHANNEL-		of concrete stream (>500		but channel stabilized and  An earthen channel less than 100 ft with good wat					
IZATION	deep) with no	e water is very shallow (<1 natural sediments presen			shape similar t	al sediment bottom, and size and othe unchannelized stream reaches			
<b>SEVERITY:</b> (Circle #)	the channel.	5	4 3	mod in ondrinor.	above and below	ow impacted area.			
NOTES:		3	4 3		2	<u>I</u>			
TOTES.									

Data validated_	by	Data verified	by
Data entered	by	Data QC	by

#### Trash and Debris



WATERSHED/SUI	BSHED:					]	DATE:/_		/	ASS	ESSED BY:
SURVEY REACH	ID:		Mili	TARY 7	Гіме::_	_ ]	<b>РНОТО ID:</b> (Рі	c #)			
SITE ID: (Conditio	n-#) <b>TR-</b>	LAT	Γ		Long_						GPS:
TYPE:  Industrial Commercial Residential	MATERIAL:  Plastic  Tires  Appliances  Automotive		Paper Constru Yard W		☐ Metal ☐ Medical		URCE: Unknown Flooding Illegal dump Local outfall		OCATION:  Stream  Riparian Ar		LAND OWNERSHIP:  Public Unknown Private  AMOUNT (# Pickup truck loads):
POTENTIAL RESTORATION CANDIDATE											
no  If yes for trash or debris removal									MPSTER WITHIN 100 FT: Yes \( \subseteq \text{No} \subseteq \text{Unknown} \)		
CLEAN-UP POTENTIAL: (Circle #)	A small amount of trash (i.e., less than two pickup truck loads) located inside a park with easy access  A large amount of trash, with easy access. Trash a long period of time bu few days, possibly with a					may h	ave been dumped o ild be cleaned up i backhoe.	ver	sh or debris scattered over a large very difficult. Or presence of drums dous materials		
NOTES:	5				4		3		2		1
									REPORTE	ED TO	AUTHORITIES ☐ YES ☐ NO
	validatedentered	b; by			Data verifi Data QC	ied_	by				

### Utility Impacts



										<u>-                                    </u>	
WATERSHED/SUBS	HED:		DATE:	/	_/		ASSESSED	BY:			
SURVEY REACH II	):		MILITARY TIN	ILITARY TIME:: PHOTO ID: (Pic #)							
SITE ID: (Condition-	#) UT	LAT		L	ONG					GPS:	
TYPE:  Leaking sewer  Exposed pipe Exposed manhole Other:	ing sewer		Above stream	☐ Floodplain ☐ Stream bank ☐ Above stream ☐ Stream bottom ☐ CONDITION: ☐ Joint		failure	Diameter:in		<u>ft</u> racking		
		•		i.							
EVIDENCE OF	Color		Clear 🗌 Da					wish G	reenish [	Other:	
DISCHARGE: ODOR None		None						Other:			
<b>DEPOSITS</b> ☐ None ☐ Tampons/Toilet Paper ☐ Lime ☐ Surface oils ☐ Stains ☐ Other:											
Domnymy v Dromo	an a many Carre	D 4 2000	7.6 1		l D'		7 Giv: 1	41: D D		1.	
POTENTIAL RESTO	DRATION CANDI	_	_		•	•	_ Citizen ho	tlines 🔲 D	ry weathe	er sampling	
no		l	Fish barrier re	moval	U Othe	r:					
If yes to fish barrier,	Water Drop:	(in	)								
UTILITY IMPACT SEVERITY: (Circle #)	collapse in the near future; a pipe in the hear supponded above the str			running across stream; a long am where nearly sed; or a lie center of the ince of stack  A moderately long section of pipe is partially exposed but there is no immediate threat that the pipe will be undermined and break in the immediate future. The primary concern is that the pipe may be punctured by large dehic during a large storm event the			pipe is stable stream but o exposed; the concrete and fish moveme	all section of exposed pipe, stream bank near the e is stable; the pipe is across the bottom of the eam but only a small portion of the top of the pipe iosed; the pipe is exposed but is reinforced with corete and it is not causing a blockage to upstream movement; a manhole stack that is at the edge of stream and does not extend very far out into the			
Leaking= 5		5		4		3		2		1	
NOTES:							Rep	ORTED TO L	.OCAL AU	THORITIES [	]Yes □ No

Data validated_	by	Data verified	by
Data entered	by	Data QC	by



WATERSHED/SUBSHED:		<b>DATE:</b> /	ASSESSED BY:						
SURVEY REACH ID:		MILITARY TIME::	<b>Р</b> ното <b>ID:</b> ( <i>Pic</i> #)						
SITE ID: (Condition-#) MI L	ΔAT	LONG		GPS:					
POTENTIAL RESTORATION CANDIDAT			restoration Riparian Manageme	ent					
no	l	Discharge Prevention  Other:							
DESCRIBE:									
			REPORTED TO LOCAL AU	THORITIES Yes No					
Date validatedbyI	Data ver	rifiedby Data ente							
		T							
WATERSHED/SUBSHED:		DATE:/	ASSESSED BY:						
SURVEY REACH ID:		MILITARY TIME: :	<b>Р</b> ното <b>ID:</b> ( <i>Pic</i> #)	1					
SITE ID: (Condition-#) MI-	ΔAΤ	Long		GPS:					
POTENTIAL RESTORATION CANDIDAT	TE S	Storm water retrofit Stream	restoration Riparian Manageme	ent					
no		Discharge Prevention  Other:							
DESCRIBE:									
Date validated by I	Data ver	rified by Data ente		THORITIES Yes No					
Date validatedby1	Jala Vel	rifiedby Data ente	neuby Data QC_	by					
WATERSHED/SUBSHED:		DATE:/	ASSESSED BY:						
SURVEY REACH ID:		MILITARY TIME::	<b>Р</b> ното <b>ID:</b> ( <i>Pic #</i> )						
SITE ID: (Condition-#) MI I	AT	LONG		GPS:					
, , ,									
POTENTIAL RESTORATION CANDIDAT	TE S	Storm water retrofit  Stream	restoration	ent					
no	I	Discharge Prevention  Other:							
DESCRIBE:									
			Dunon						
			KEPORTED TO LOCAL AU	THORITIES Yes No					
Date validated by I	Doto war	rified by Data ente	ered by Data OC	hv					

# Photo Inventory (By Camera)

Project:	This field sheet is to be completed AS photos are taken in the field. The intent is to
Group:	force us to organize pictures taken on a camera basis. Fill out one sheet per camera (add sheets as needed). Only fill in Date/Reach/Location ID when you start in a
Camera:	new spatial or temporal location.

Date	Stream/Reach	<b>Location ID</b>	Photo #	Description

Date	Stream/Reach	<b>Location ID</b>	Photo #	Description

**Comments:**